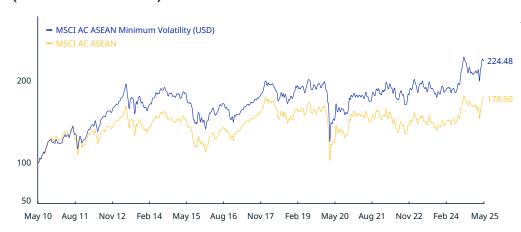
# MSCI AC ASEAN Minimum Volatility (USD) Index (USD)

The MSCI AC ASEAN Minimum Volatility (USD) Index aims to reflect the performance characteristics of a minimum variance strategy applied to large and mid cap equities across 4 Emerging Markets countries and 1 Developed Market country\*. The index is calculated by optimizing the MSCI AC ASEAN Index, its parent index, for the lowest absolute risk (within a given set of constraints). Historically, the index has shown lower beta and volatility characteristics relative to the MSCI AC ASEAN Index.

For a complete description of the index methodology, please see Index methodology - MSCI.

## CUMULATIVE INDEX PERFORMANCE — NET RETURNS (USD) (MAY 2010 – MAY 2025)



#### **ANNUAL PERFORMANCE (%)**

2024     9.10     11.97       2023     1.20     0.51       2023     1.27     4.21	ΑN
2022 1 27 4 21	
2022 1.37 -4.31	
2021 3.92 -0.01	
2020 -8.21 -6.43	
2019 8.49 8.53	
2018 -4.56 -8.55	
2017 24.42 29.87	
2016 0.72 5.98	
2015 -16.59 -18.52	
2014 7.00 6.22	
2013 0.74 -4.73	
2012 31.12 22.54	
2011 2.03 -6.27	

#### INDEX PERFORMANCE – NET RETURNS (%) (MAY 30, 2025)

### **FUNDAMENTALS (MAY 30, 2025)**

					ANNUALIZED							
	1 Mo	3 Мо	1 Yr	YTD	3 Yr	5 Yr	10 Yr <sub>M</sub>	Since lay 31, 2001	Div Yld (%)	P/E	P/E Fwd	P/BV
MSCI AC ASEAN Minimum Volatility (USD)	1.07	8.03	20.44	6.78	5.64	7.22	2.32	9.66	4.33	13.61	12.70	1.57
MSCI AC ASEAN	3.88	8.95	19.72	5.68	5.43	6.42	1.92	8.17	4.04	14.65	13.52	1.75

#### INDEX RISK AND RETURN CHARACTERISTICS (MAY 31, 2001 - MAY 30, 2025)

				ANNUALIZED STD DEV (%) 2			SHARPE RATIO 2,3			3	MAXIMUM DRAWDOWN		
	Beta	Tracking T Error (%)	Turnover (%) <sup>1</sup>	3 Yr	5 Yr	10 Yr	3 Yr	5 Yr	10 Yr	Since May 31, 2001	(%)	Period YYYY-MM-DD	
MSCI AC ASEAN Minimum Volatility (USD)	0.83	4.14	20.13	13.28	12.83	13.83	0.14	0.39	0.09	0.56	50.35	2007-10-29—2009-03-09	
MSCI AC ASEAN	1.00	0.00	6.54	14.69	14.82	15.94	0.13	0.31	0.07	0.42	57.53	2007-10-29-2009-03-09	
	<sup>1</sup> Last	12 months	<sup>2</sup> Based o	n monthly	net returns	s data 3	Based on	NY FED Ov	ernight SC	FR from Sep	1 2021 & 0	on ICE LIBOR 1M prior that date	

The MSCI AC ASEAN Minimum Volatility (USD) Index was launched on Jan 27, 2015. Data prior to the launch date is back-tested test (i.e. calculations of how the index might have performed over that time period had the index existed). There are frequently material differences between back-tested performance and actual results. Past performance – whether actual or back-tested – is no indication or guarantee of future performance.



<sup>\*</sup> Emerging Markets countries include: Indonesia, Malaysia, the Philippines and Thailand and Developed Markets country include: Singapore.

MAY 30, 2025 Index Factsheet

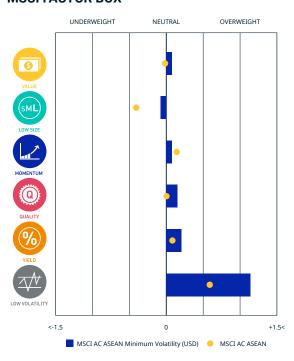
#### **INDEX CHARACTERISTICS**

	MSCI AC ASEAN Minimum Volatility (USD)	MSCI AC ASEAN					
Number of	80	99					
Constituents							
	Weight (%)						
Largest	5.01	10.39					
Smallest	0.11	0.15					
Average	1.25	1.01					
Median	0.93	0.46					

#### **TOP 10 CONSTITUENTS**

	Country	Index Wt. (%)	Parent Index Wt. (%)	Sector
SINGAPORE TECH ENGR	SG	5.01	1.42	Industrials
SINGAPORE EXCHANGE	SG	3.68	1.40	Financials
SINGAPORE TELECOM	SG	3.63	3.30	Comm Srvcs
DBS GROUP HOLDINGS	SG	3.18	10.39	Financials
ADVANCED INFO SERVICE	TH	3.08	1.56	Comm Srvcs
OCBC BANK	SG	3.04	6.41	Financials
UNITED OVERSEAS BANK	SG	3.03	5.22	Financials
WILMAR INTERNATIONAL	SG	3.01	0.68	Cons Staples
CAPITALAND ASCENDAS REIT	SG	2.93	1.16	Real Estate
MALAYAN BANKING	MY	2.87	1.88	Financials
Total		33.47	33.40	

## FACTORS - KEY EXPOSURES THAT DRIVE RISK AND RETURN MSCI FACTOR BOX



#### **MSCI FaCS**



VALUE
Relatively Inexpensive Stocks



LOW SIZE Smaller Companies



**MOMENTUM Rising Stocks** 



QUALITY
Sound Balance Sheet Stocks



YIELD
Cash Flow Paid Out



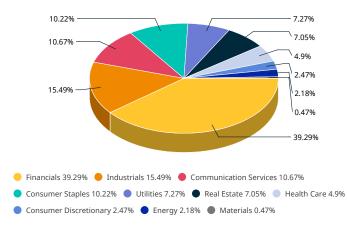
LOW VOLATILITY Lower Risk Stocks

MSCI FaCS provides absolute factor exposures relative to a broad global index - MSCI ACWI IMI.

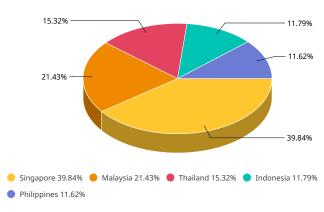
Neutral factor exposure (FaCS = 0) represents

MSCI ACWI IMI.

#### **SECTOR WEIGHTS**



#### **COUNTRY WEIGHTS**





MAY 30, 2025 Index Factsheet

#### MSCI FACTOR BOX AND FaCS FRAMEWORK (Please refer to complete description of the MSCI FaCS methodology here)

MSCI FaCS is a standard method for evaluating and reporting the Factor characteristics of equity portfolios. MSCI FaCS consists of Factor Groups (e.g. Value, Size, Momentum, Quality, Yield, and Volatility) that have been extensively documented in academic literature and validated by MSCI Research as key drivers of risk and return in equity portfolios. These Factor Groups are constructed by aggregating 16 factors (e.g. Book-to-Price, Earnings/Dividend Yields, LT Reversal, Leverage, Earnings Variability/Quality, Beta) from the latest Barra global equity factor risk model, GEMLT, designed to make fund comparisons transparent and intuitive for use. The MSCI Factor Box, which is powered by MSCI FaCS, provides a visualization designed to easily compare absolute exposures of funds/indexes and their benchmarks along 6 Factor Groups that have historically demonstrated excess market returns over the long run.

#### **ABOUT MSCI**

MSCI is a leading provider of critical decision support tools and services for the global investment community. With over 50 years of expertise in research, data and technology, we power better investment decisions by enabling clients to understand and analyze key drivers of risk and return and confidently build more effective portfolios. We create industry-leading research-enhanced solutions that clients use to gain insight into and improve transparency across the investment process. To learn more, please visit <a href="https://www.msci.com">www.msci.com</a>.

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